



HYPOCHLOROUS ACID GENERATOR

THE KEY FEATURES

- 1:touch screen multicolor PLC
 - 2:separate compartments for hydraulic and electrical components
 - 3:double-cooled electrodes cell
 - 4:integrated electrode flushing system
 - 5:possibility of adjusting the pH (extreme stability)
 - 6:both electrodes in Titanium Grade 2
 - 7:connectors and hoses in PTFE/PVDF
 - 8:automatic start and stop
 - 9:process current stabilization
 - 10:integrated float level switches
 - 11:conductivity sensor
- acid sensor (if purchased the full automatic flushing optional)

OPTIONAL

- 1:integrated pH probe
- 2:integrated ORP (Redox) probe
- 3:full pH adjustment 3-8
- 4:fully automated cell flushing system (no operator needed)
- 5:double coating anode (2 years guarantee on cell)
- 6:remote control, diagnosis, and troubleshooting capability with Ethernet, GSM, or Modbus

Electro-activated solutions produced by the system are respectively:

Acid Anolyte is a strong oxidizing and disinfecting agent and can be used wherever there are no constraints on the pH value (in the absence of corrosion hazards). Acid Anolyte acts extremely quickly and effectively against all bacteria, viruses, spores, moulds, fungi, and algae, even if diluted in water or nebulized;

Neutral Anolyte is used wherever a neutral pH (corrosion risk) is needed. Neutral Anolyte is extremely effective against a wide range of pathogens such as viruses, bacteria, spores, moulds, and fungi;

Catolyte is a powerful reducing agent. It is alkaline and is an excellent detergent liquid that can also be used in the flocculation and precipitation of heavy metals. It can also be used in applications where pH correction is required;

The development and design of new components have helped solve the typical issues of this class of devices, increase performance and increase reliability through the following technical solutions:

Special anode geometry;

- 1:Double electrodes (anode-cathode)
- 2:Anode-cathode coupled without threads;
- 3:Adjustable heads;
- 4:Self-adjusting mounting system;
- 5:Manual clamping with a pressure ring;
- 6:Which eliminates the typical problems of cylindrical coaxial cells, such as:



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